## MODULE 2 SHIPPING PAPERS

XYZ Chemical Company 2004 Main Street Wolfsburg, WY 82009

Delivery Address: Heidenroder Chempark 54 Tarrytown Rd. Anytown USA Billing Address:

нм	No. of Units	Shipping Description	Total Quantity
х	4 Drums	Flammable Liquids, nos, 3, UN 1993, PGI	200 gal
		(Furan & Acetone)	
	25 Boxes	Newspaper Supplements	300 kg
Х	10 Boxes	Butyric Acid, 8, UN 2820, PG III	205 Kg



NOTE: RETAIN SHIPPING PAPER FOR ONE YEAR

**Unless a Hazardous Waste:** 

- OUse any document
- Must have all required entries

XYZ Chemical Company 2004 Main Street Wolfsburg, WY 82009

Delivery Address: Heidenroder Chempark 54 Tarrytown Rd. Anytown USA **Billing Address:** 

нм	No. of Units	Shipping Description	Total Quantity	
X	4 Drums	Flammable Liquids, nos, 3, UN 1993, PGI	200 gal	
		(Furan & Acetone)		THE PERSON NAMED IN
	25 Boxes	Newspaper Supplements	300 kg	
X	10 Boxes	Butyric Acid, 8, UN 2820, PG III	205 Kg	
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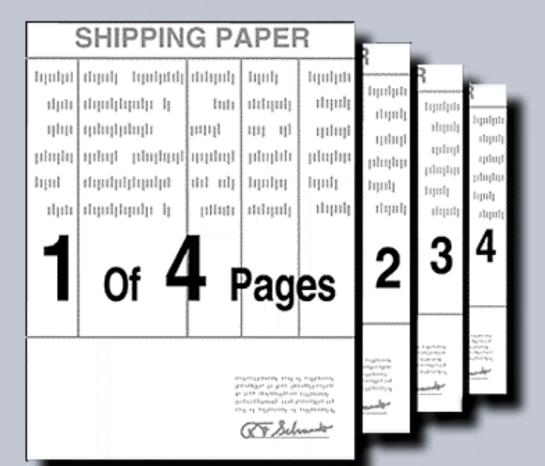


Benzene, 3, UN1114, II, 90kg



02-05-10/99

Must be: legible printed in English no abbreviations (unless authorized)



Communicate the hazard(s) of the materials being transported

#### BASIC DESCRIPTION

- 1. Proper shipping name
- 2. Hazard class or division
- 3. Identification number
- 4. Packing group

#### §172.101 HAZARDOUS MATERIALS TABLE

Sym- bols	Hazardous materials descriptions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	
(1)	(2)	(3)	(4)	(5)	(6)	
	Accellerene, see p- Nitrosodimethylaniline.					
	Accumulators, electric, see Batteries, wet etc.					
D	Accumulators, pressurized, pneu- matic or hydraulic (containing non- flammable gas.	2.2	NA1956		2.2	
	Acetal	3	UN1088	II	3	
	Acetaldehyde	3	UN1089	'	3	
Α	Acetaldehyde ammonia	9	UN1841	III	9	
	Acetaldehyde oxime Acetic acid, glacial or Acetic acid so-	3 8	UN2332 UN2789	III	3 8. 3	
	lution, with more than 80 percent acid, by mass.	0	0142703	"	0, 0	
	Acetic acid solution, with more than 10 percent but not more than 80	8	UN2790	II	8	

#### BASIC DESCRIPTION

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(1)	(2)	(3)	(4)	(5)	(6)	
	Accellerene, see p- Nitrosodimethylaniline. Accumulators, electric, see Batteries,					
D	wet etc. Accumulators, pressurized, pneu- matic or hydraulic (containing non- flammable gas.	2.2	NA1956		2.2	
	Acetal	3 3	UN1088 UN1089	=	3	
Α	Acetaldehyde ammonia	9 3 8	UN1841 UN2332 UN2789	≡ =	9 3 8, 3	
	Acetic acid solution, with more than 10 percent but not more than 80	8	UN2790	=	8	

#### BASIC DESCRIPTION

- 1. Proper shipping name
- 2. Hazard class or division
- 3. Identification number
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#### §172.101 HAZARDOUS MATERIALS TABLE

Sym- bols	Hazardous materials descriptions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes
(1)	(2)	(3)	(4)	(5)	(6)
	Butyl vinyl ether, inhibited	3 6.1 6.1 2.1 3 6.1	UN2352 UN1125 UN2738 UN2747 UN1012 UN3022 UN3022 UN2667	====	3 3, 8 6.1 6.1 2.1 3 6.1

#### BASIC DESCRIPTION

- 1. Proper shipping name
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- 4. Packing group

#### §172.101 HAZARDOUS MATERIALS TABLE

Hazardous materials descriptions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special - provisions
(2)	(3)	(4)	(5)	(6)	(7)
Acrylamide	6.1	UN2074	III	6.1	T8
Acrylic acid, inhibited	8	UN2218	- II	8, 3	B2, T8
Acrylonitrile, inhibited	3	UN1093	- 1	3, 6.1	B9, T18, T26
Actuating cartridge, explosive, see Cartridges, power device.					
Adhesives, containing a flammable liquid.	3	UN1133	- 1	3	B42, T7, T30
			- II	3	B52, T7, T30
			III	3	B1, B52, T7, T30
Adiponitrile	6.1	UN2205	III	6.1	T1
Aerosols, corrosive, Packing Group II or III, (each not exceeding 1 L capacity).	2.2	UN1950		2.2, 8	A34
Aerosols, flammable, (each not ex-	2.1	UN1950		2.1	N82

#### BASIC DESCRIPTION

НМ	No. of Units	Shipping Description	Total Quantity
	1 Drum	Zinc resinate, 4.1, UN 2714, PG III	75 kg

- 1. Proper shipping name
- 2. Hazard class or division
- 3. Identification number
- 4. Packing group

In that sequence, unless otherwise provided

02-17-10/99

#### "TOTAL QUANTITY"

- May be gross or net weight
- Show unit of measure
- Enter on shipping paper
  - -Before basic description, or
  - -After basic description, or
  - -Before and after basic description

#### "TOTAL QUANTITY"

- O Indicate total quantity for:
  - -Cylinders containing Class 2
  - -Bulk Packagings
- Examples: 10 cylinders1 cargo tank

#### **ABBREVIATIONS**

Benjamin Meese Paints

Delivery Address: Benjamin Meese Paints 3654 Mt. Vernon St. Richmond, VA 23234 Billing Address:

нм	No. of Units	Shipping Description	Total Quantity
	10 Ctns.	Paint, 3, UN 1263, PG II	225 kg
		No.	

Emergency Contact: 1-800-255-3924

This is to consify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

ome Os-27-99

SAFETY BEGINS WITH YOU!

10 Ctns.
Paint, 3, UN1263
PGII, 225 kg

02-20-10/99

#### BASIC DESCRIPTION

#### TABLE ENTRY

Benzene ...... 3 UN1114 II

#### SHIPPING PAPER ENTRY

НМ	No. of Units	Shipping Description	Total Quantity
	15 drums	Benzene, 3, UN 1114, PG II	300 gal.

02-21-10/99

#### ADDITIONAL INFORMATION

- 1. Must be AFTER the basic description, except...
- 2. May place technical name(s)
  - After the basic description or
  - Between PSN and hazard class
- 3. May add class name or subsidiary class number After primary hazard class number

#### SHIPPING PAPER MIXED SHIPMENT

НМ	No. of Units	Shipping Description	Total Quantity
	4 Drums	Flammable Liquids, nos, 3, UN 1993, PG I	200 gal
		(Furan & Acetone,	
	10 Boxes	Butyric Acid, 8, UN 282c PG III	205 kg
	25 Boxes	Newspaper Supplements	300 kg
			As a state of the state of

Entered first or...

Emergency Contact: 1-800-424-9300

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

#### SHIPPING PAPER MIXED SHIPMENT

НМ	No. of Units	Shipping Description	Total Quantity
Х	4 Drums	Flammable Liquids, nos, 3, UN 1993, PG I	200 gal
		(Furan & Acetone)	· ·
	25 Boxes	Newspaper Supplements	300 kg
Χ	10 Boxes	Butyric Acid, 8, UN 2820, PG III	205 kg
	Š		
			/

Emergency Contact: 1-800-424-9300

This is to certify that the above-named materials are properly classified, described, pare in proper condition for transportation according to the applicable regulations of

Highlighted or marked and labeled, and

contrasting color

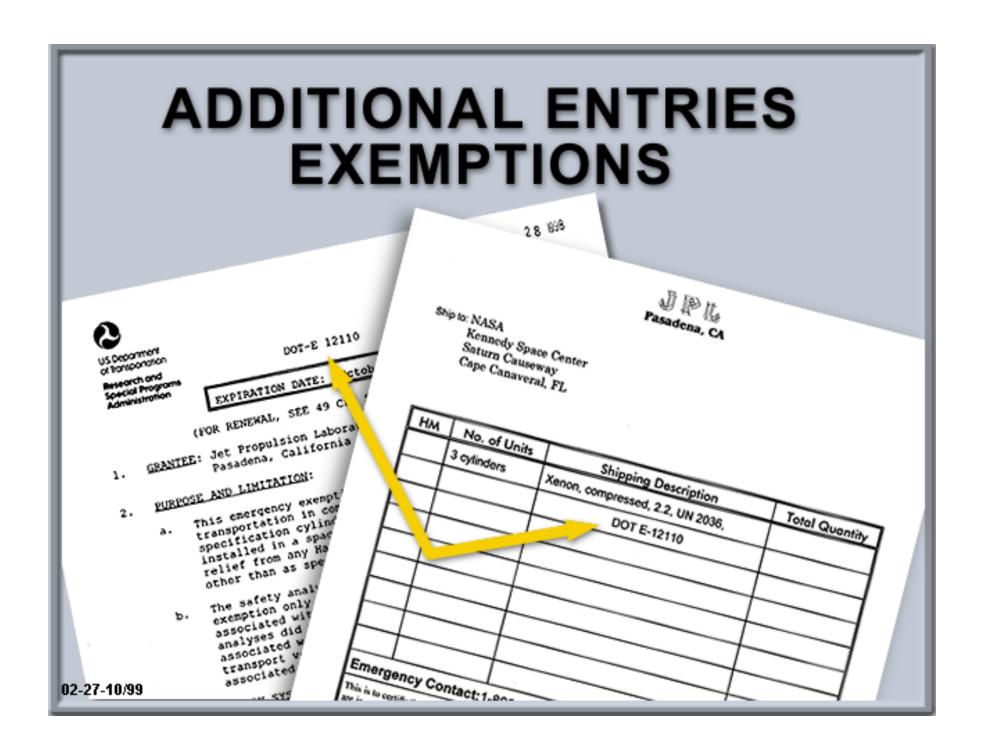
#### SHIPPING PAPER MIXED SHIPMENT

25 Boxes	Newspaper Supplements	300 kg
4 Drums	Flammable Liquids, nos, 3, UN 1993, PGI,	200 gal
	(Furan & Acetone)	
20 Boxes	Ammonium dichromate, 5.1, UN1439, PGII	170 kg
10 Boxes	Butyric Acid, 8, UN 2820, PG III	205 Kg
	20 Boxes	(Furan & Acetone)  20 Boxes Ammonium dichromate, 5.1, UN1439, PGII

X or RQ

# HAZARDOUS MATERIALS & NON-HAZARDOUS MATERIALS

Hazardous Materials: Entered first, or Highlight/contrasting color "X" or "RQ" in HM column



# ADDITIONAL ENTRIES LIMITED QUANTITIES

Delivery Address: Heidenroder Chempark 54 Tarrytown Rd. Anytown, USA

Нм	No. of Units	Shipping Description	Total Quantity
	1 Cln.	Hexaldehyde, 3, UN 1207, PG III	4 liters
		Limited Quantity	

Limited Quantity or Ltd. Qty.

# ADDITIONAL ENTRIES HAZARDOUS SUBSTANCES

RQ, Lead arsenates, 6.1, UN1617, PGII, 10 kg

RQ, Environmentally Hazardous Substances, Liquid, n.os., 9, UN3082, PGIII, (Amitrole), 454 kg

#### ADDITIONAL ENTRIES RADIOACTIVE MATERIAL

- Name of Radionuclides
- O Physical and Chemical Form
- O Activity in Each Package
- O Category of Label

- Transport Index
- O Export Package Marking
- O Fissile Material
- O DOE/NRC Package Marking

# ADDITIONAL ENTRIES EMPTY PACKAGINGS

"Residue Last Contained\*\*\*"

Hazardous Material - May Tank Car - Must

### **ADDITIONAL ENTRIES**

AIR

#### SHIPPER'S DECLARATION FOR DANGEROUS GOODS

Shipper

Empire State Supply Co. 116 42nd Ave. New York, NY 11401

Consignee

K. O. Storck AG 34 Taunusallee 60594 Frankfurt Germany

Two completed and signed copies of this Declaration must be handed to the operator

TRANSPORT DETAILS

This shipment is within the Airport of Departure limitations prescribed for:

(delete non-applicable)

AND CHMOO AIRCRAFT

Airport of Destination:

FRA

JFK

Air Waybill No. 0078-7634-7657

Page 1 of 1 Pages Shipper's Reference Number (conons)

> For optional use for Company logo name and address

WARNING

Failure to comply in all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties. This Declaration must not, in any circumstances, be completed and/or signed by a consolidator, a forwarder or an IATA cargo agent.

Shipment type: (delete non-applicable)

NON-RADIOACTIVE HACCERSING

NATURE AND QUANTITY OF DANGEROUS GOODS

Proper shipping name, Class or Division, UN Number or Identification Number, Packing Group (if required), and all other required information.

#### ADDITIONAL ENTRIES RAIL

НМ	No. of Units	Shipping Description	Total Quantity
	1 T/C	Ethylene, refrigerated liquid, 2.1, UN 1038	30,000 Gal.
		GATX 12345	
		DOT 113 - Do not hump or cut off car	
		while in motion.	

#### ADDITIONAL ENTRIES HIGHWAY

For Anhydrous ammonia in MC 330 or MC 331 Cargo Tanks:
"0.2 PERCENT WATER" - QT tanks
"NOT FOR Q AND T TANKS" - Less than 0.2% water

#### ADDITIONAL ENTRIES HIGHWAY

For Liquefied Petroleum Gas: 
"Noncorrosive" or "NONCOR" 
or 
"Not for Q and T tanks"

# ADDITIONAL ENTRIES WATER



- Type of packages
- Number of each type of package
- Gross mass of each
  - Package
  - Type of package
- O Name of shipper

02-36-10/99

# ADDITIONAL ENTRIES TECHNICAL NAMES

	/m- ols	Hazardous materials descriptions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers		
(	1)	(2)	(3)	(4)		
	GGG	Articles, explosive, extremely insensitive or Articles, EEI. Articles, explosive, n.o.s	1.6N 1.4S 1.4B 1.4C 1.4D 1.4G 1.1L	UN0349 UN0350 UN0351 UN0352 UN0353 UN0354		

## **ADDITIONAL ENTRIES**

НМ	No. of Units	Shipping Description	Total Quantity
	1 Box	Corrosive liquids, nos (Sulfuric acid), 8,	30 L
		UN 1760, PG III	
		or	
	1 Box	Corrosive liquids, nos, 8, UN 1760, PG III	30 L
		(contains Sulfuric acid)	
	-		

**Emergency Contact: 1-800-424-9300** 

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

# **ADDITIONAL ENTRIES**

НМ	No. of Units	Shipping Description	Total Quantity			
		Organic peroxides, type B, solid, 5.2,	300 kg			
		UN 3102, PG II, (dibenzoyl peroxide,				
		52-100%)				
		Organic peroxides, type E, solid, 5.2,	300 kg			
		UN 3108, PG II, (dibenzoyl peroxide,				
		paste, < 52%)				
		DIVISION 5.2				
		GENERIC ORG	ANIC PEROXIDES			

Emergency Contact: 1-800-424-9300

-Technical Names

This is to certify that the above-named materials are properly - Concentration marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

# ADDITIONAL ENTRIES Mixtures/Solutions



Flammable Liquids, Corrosive, n.o.s. (contains Methanol, Potassium Hydroxide) 3, UN2924, PGII

# ADDITIONAL ENTRIES MARINE POLLUTANTS

On shipping paper in association with basic description:

- O Enter "Marine Pollutant"
- O In parentheses, identify "component(s)" that make the material a marine pollutant

## **ADDITIONAL ENTRIES**

Motor Fuel Anti-Knock Mixtures (Tetraethyl lead), 6.1, UN1649, PGI, or

Motor Fuel Anti-Knock Mixtures, 6.1, UN1649, PGI, (Tetraethyl lead)

# ADDITIONAL ENTRIES POISON OR TOXIC

Table entry Allyl chloride, 3, UN1100, I
Shipping paper entry Allyl chloride, 3, UN1100, PGI, poison
Allyl chloride, 3, UN1100, PGI, toxic

## **ADDITIONAL ENTRIES**

Material meets inhalation toxicity criteria

- "Poison Inhalation Hazard"
- O "Zone"
  - -Zone A, B, C, or D for gases or
  - -Zone A or B for liquids

## ADDITIONAL ENTRIES

Emergency Contact: 1-800-255-3924

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Signed: Molly M. Bride
Date: 3/5/99

SAFETY BEGINS WITH YOU!

#### EMERGENCY RESPONSE TELEPHONE NUMBER

Monitored at all times
Contact Person must know:

- Hazards/risks
- Emergency response information
- Accident mitigation information

#### EMERGENCY RESPONSE TELEPHONE NUMBER

Shipper's telephone number or

Other agency telephone number

- O Capable of and accepts responsibility
- O Has current information

## **EMERGENCY RESPONSE INFORMATION**

- Basic description and technical name(s) (of hazardous materials)
- Health Hazards
- Risks fire/explosions
- Immediate precautions
- Firefighting methods
- Spill/leak containment
- First aid measures

## **EMERGENCY RESPONSE INFORMATION**

- Printed legibly in English on:
- Shipping paper or
- Other document with shipping paper
  - Material Safety Data Sheet (MSDS)
  - Emergency response guidance document
  - Notification to PIC (Aircraft)
  - Dangerous cargo manifest (Vessel)

## **EMERGENCY RESPONSE INFORMATION**

#### Maintained:

- Highway/Rail same manner as shipping papers
- Aircraft same as notification to pilot-in-command
- Vessel same as dangerous cargo manifest
- Immediately accessible to:
  - Motor vehicle operators
  - Train crews
  - Flight crews
  - Bridge personnel
  - Facility personnel

# INCIDENT



The operator <u>MUST</u> notify the carrier in the event of an incident.

02-51-10/99





#### Emergency Contact: 1-800-255-3924

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Signed

Date:

02-53-10/99

Delivery Address: Benjamin Meese Paints 3654 Mt. Vernon St. Richmond, VA 23234 Billing Address:

"This is to certify that the abovenamed materials are properly

НМ	No. of Units	Shipping Description	Total Pentity ified described peckeded
	10 Ctns.	Paint, 3, UN 1263, PG II	classified, described, packaged,
$\vdash$			marked and labeled, and are in
			proper condition for transportation
			according to the applicable regulations
		1	of the Department of Transportation."

Emergency Contact:1-800-

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Due apr. 17, 95

SAFETY BEGINS WITH YOU!

Delivery Address: Heidenroder Chempark 54 Tarrytown Rd. Anytown, USA

Нм	No. of Units	Shipping Description
	1 T/C	Ethylene, refrigerated liquid, 2.1, UN 103
		GATX 12345
		DOT 113 - Do not hump or cut off car
		white in motion.

Emergency Contact: 1-800-424-9

"Thereby declare that the contents of this consignment are fully and accurately disoribed above by the proper shipping name, and are classifled, padaged, marked and labeled placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations."

"I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations."

Note: In line one of the certification, the words "herein-named" may be substituted for the words

SAFETY BEGINS "above named"

7	AGE TO A STORY OF THE STORY OF	Ar Wayon No. 0078-76	CENTICATION
	Empire State Supply Co. 116 42nd Ave. New York, NY 11401	Page 1 of 1 Pages Shapper's Reference Number Assense	
	Consigner K. O. Storck AG 34 Taunusallee 60594 Frankfurt Germany	For opinion Comp.	All Modes:
	Two completed and aigned copies of the Deciaration must be handed to the operator	WARMING	"I hereby certify that the contents
	TRANSPORT DETAILS This shipment is written the Angent of Departure institutions prescribed for these and particular to these and particular to these and particular to the par	Falure to comply in all n Dangerous Goods Regul the applicable law, whip Declaration must not, completed and or sign forwarder or an IATA ca-	of this consignment are fully and
	Angort of Destination FRA	Shipment type deers no (MON-RADIOACTIVETED)	accurately described above by proper
**********	Phosphorus tribronide, 8, UN 1808, 2 Boxes 36 kg		shipping name and are classified, packed, marked and labeled, and in proper condition, for carriage by air according to applicable national governmental regulations."  Air:
	Additional Handling Information  I handly declars that the contents of this consignment accurately described above by the proper shipping visualities, peckaged, marked and labellediplacembed, respects in proper condition for transport according international and national governmental regulations.	and are in all Place and Dir	This shipment is within the limitations prescribed for passenger aircraft/cargo aircraft only (delete nonapplicable).

# SHIPPER SIGNATURE

#### Emergency Contact: 1-800-255-3924

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Signed:

Date:

SAFETY BEGINS WITH YOU!

# SHIPPER CERTIFICATION EXCEPTIONS



Private Shipper/Carrier Cargo Tanks
Supplied by Carrier



02-58-10/99

# **ADDITIONAL CERTIFICATION**

Passenger aircraft shipment intended for:



02-59-10/99

# UNIFORM HAZARDOUS WASTE MANIFEST



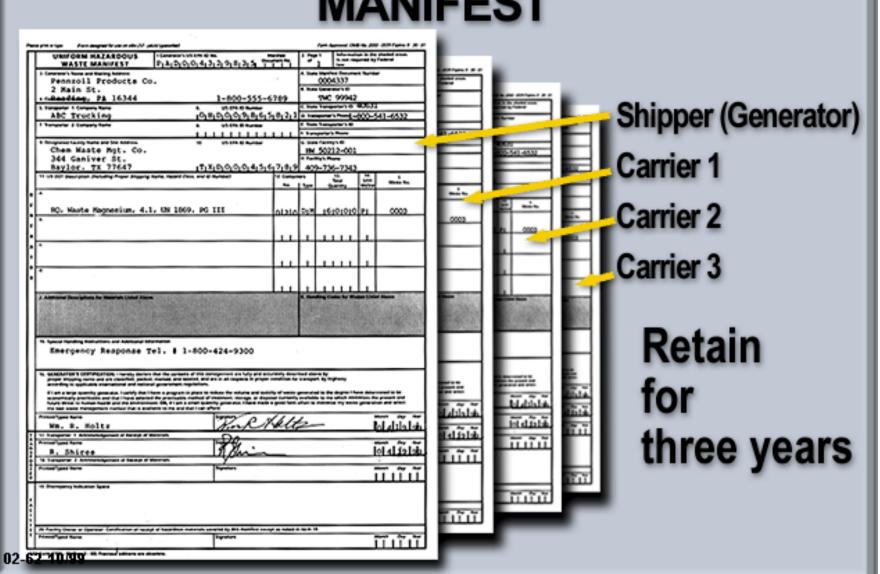
Signed by hand Dated

02-60-10/99

## **UNIFORM HAZARDOUS WASTE MANIFEST**

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# UNIFORM HAZARDOUS WASTE MANIFEST



## SUMMARY

#### Must have Properly Prepared Shipping Paper

- Proper shipping name
- Hazard class or division
- Identification number
- Packing group

- Total Quantity
- Additional entries
- Shipper certification
- Emergency response information
- Emergency response telephone number

